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REPORT OF GEOTECHNICAL EXPLORATION

BISCAYNE PARK VARIOUS LOCATIONS MIAMI, FLORIDA

FOR

CALVIN GIORDANO AND ASSOCIATES, INC.
1800 ELLER DRIVE, SUITE 600 FT. LAUDERDALE, FLORIDA 33316

PREPARED BY

NUTTING ENGINEERS OF FLORIDA, INC.
2051 NW 112TH AVE SUITE 126
MIAMI, FLORIDA 33172

ORDER NO. 101.175

JUNE 2021

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June 16, 2021

Mr. Mohammed Sharifuzzaman, P.E.
Calvin Giordano and Associates, Inc.
1800 Eller Drive, Suite 600
Ft. Lauderdale, Florida 33316
Phone: (954) 921-7781
Email: msharifuzzaman@cgasolutions.com

Re: Report of Geotechnical Exploration
Biscayne Park Various
Locations Miami,
Florida

Dear Mr. Sharifuzzaman:

Nutting Engineers of Florida, Inc. (NE), has performed a Geotechnical Exploration at the referenced site in Miami, Florida. The purpose of this exploration was to obtain information concerning the site and subsurface conditions at specific locations in order to provide site preparation and foundation design recommendations for support of the planned construction. The following presents our findings and recommendations.

PROJECT INFORMATION

Per your email dated May 4, 2021, we understand that plans for this project include drainage improvements for the Biscayne Park area at five locations as outlined below:

- NE 115th Street (NE 6 Ave. to NW 7 Ave.)
- NE 121st Street (NE 11 Ave. to NE 11 Ct.)
- NE 11th Avenue (NE 119 St. to NE 121 St.)
- NE 113th Street (NE 9 Ct. to NE 10 Ave.)
- NE 111th Street (NE 10 Ave. to NE 11 Pl.)

We understand the majority of the drainage will be installed via open trench installations. If any of the above information or assumptions are incorrect, we should be notified in writing in order to revisit our recommendations.

GENERAL SUBSURFACE CONDITIONS

Soil Survey Maps

As part of the geotechnical study, we reviewed the Department of Agriculture Soil Survey of Miami-Dade County. These SCS maps provide qualitative information about potential general shallow soil conditions in the project vicinity. This information was derived from approximately

6 ft. deep manual auger borings, aerial photo and surface feature interpretation at some point in the past (mid 1980's to early 1970's). The SCS data may or may not reflect actual current site conditions. A review of the Soil Survey for Dade County revealed that at the time the survey was conducted, the soils at the site were described as Urban land. This map unit is in areas where shopping centers, parking lots, streets, sidewalks, airports, large buildings, houses, and other structures cover more than 85 percent of the surface. The natural soil cannot be observed. The soils in open areas, mostly lawns, vacant lots, playgrounds, and parks are mainly Udorthents. We note that the maximum depth of the survey is approximately 6 feet.

Subsurface Exploration

NUTTING ENGINEERS OF FLORIDA, INC. was requested to perform five (5) Standard Penetration Test (SPT) borings (ASTM D-1586) to a depth of twenty feet below land surface as well as five (5) exfiltration tests in accordance with South Florida Water Management District specifications. The locations of the tests are indicated on the attached site plan presented in the Appendix of this report. The locations were established in the field using approximate methods; namely, a measuring wheel and available surface controls. As such the locations should be considered to be approximate.

The appended boring logs present information and descriptions of the subsurface conditions at each specific test boring location. Representative samples collected from the SPT borings were visually reviewed in the laboratory by a geotechnical engineer in order to confirm the field classifications. The Standard Penetration Test N-values, the number of successive blows required to drive the sampler into the soil one foot, are presented on the individual boring logs. The SPT N value has been empirically correlated with various soil properties and is considered to be indicative of the relative density of cohesionless soils and the consistency of cohesive soils. The correlation of penetration resistance with relative density is presented in the Soil Classification Criteria attached in the Appendix.

Test Boring Results

In general, the borings recorded very loose to medium dense fine sand with varying amounts of limestone from approximately one to six feet followed by soft to medium hard limestone to a depth of twenty feet, the maximum depth explored. A detailed description of the soil/rock profile is presented on the test boring records provided in the Appendix.

Rock Formation Note:

It is possible that the weathered limestone may extend to greater depths and be present in areas other than recorded in the test boring. Generally, rock in the South Florida area may include limestone or sandstone which have irregularities and discontinuities including vertical and horizontal solution features, varying surface and bottom elevations, and varying degrees of

hardness. The rock features may also contain intervening sand and other material filled lenses. The standard penetration test boring executed in this evaluation was performed in accordance with the normal standard of care in this area. Despite this, this process may sometimes fail to detect the presence of rock strata by passing through solution features. Solution features can be very common in rock strata in Southeast Florida. Also given the brittle nature of some rock strata, rocks may readily shatter when hit by the split spoon. These strata which may not be depicted in the soil boring logs may present significant resistance to excavation. Resistance to excavation may generate vibrations which may be perceived to or actually induce settlements in subject nearby structures. Pre and post condition surveys and vibration monitoring would be advantageous in such circumstances. For these reasons, appropriate due care shall be exercised by contractors performing excavation operations in this area, utilizing local experience.

Exfiltration Results

Five 'Usual Open-Hole' exfiltration tests were performed in accordance with South Florida Water Management District (SFWMD) specifications to a depth of ten feet below the existing ground surface. The tests were performed in order to determine the hydraulic conductivity of the in situ subsurface soils to evaluate drainage requirements for the project, by others.

The hydraulic conductivity values ranged from 7.27×10^{-4} to 1.59×10^{-3} cubic feet per second, per square foot, per foot of head. Detailed soil descriptions and flow rates are presented in the Appendix.

Groundwater Table Observation

The immediate groundwater level was measured at the boring locations at the time of drilling. The groundwater level was encountered at approximately three to five and a half feet below the existing ground surface at the time of drilling.

The immediate depth to groundwater measurements presented in this report may not provide a reliable indication of stabilized or longer term depth to groundwater at this site. Water table elevations can vary dramatically with time through rainfall, droughts, storm events, flood control activities, nearby surface water bodies, tidal activity, pumping and many other factors. For these reasons, this immediate depth to water data **should not** be relied upon alone for project design considerations.

Generalized Soil Parameters

The following table presents the soil parameters for each stratum as well as generalized subsurface soil profiles as encountered at the survey location.

TABLE OF GENERALIZED SOIL PROPERTIES BORINGS						
Stratum No.	Description	Unit Weight (lb./cu.ft)		Angle of Internal Friction (Degrees)	Earth Pressure Coefficient	
		Saturate	Submerged		Passive	Active
1	Fine SAND, Limestone Fragments	115	53	30	3.00	0.33
2	LIMESTONE	125	63	40	4.60	0.22

Appropriate factors of safety should be used depending on the application.

ENGINEERING EVALUATION AND RECOMMENDATIONS

Our soil exploration for this project encountered a soil profile consisting primarily of sand and limestone fragments. In our opinion, these soils should provide adequate support for the proposed construction.

Based upon the depth to ground water encountered in our exploration, we anticipate that dewatering may be necessary. If dewatering is to be performed, it is recommended that such work be designed, permitted and executed by qualified knowledgeable parties thoroughly experienced with similar local dewatering operations.

Piping laid through areas of limestone should be bedded in a granular material, or as specified by the civil engineer, in order to account for the associated stress concentrations on the pipe. Piping laid through these areas should be over-excavated approximately six inches below the anticipated pipe bedding elevation and backfilled using a granular fill compacted to at least 95 percent of the materials maximum dry density.

Although deleterious materials were not encountered within the study area, in the case peat or silt materials are encountered within the pipe bedding area, the bedding should be over-excavated to at least 6 inches or two pipe diameters below the proposed pipe, whichever is greater. Backfill should be performed in accordance with the recommendations presented herein or as specified by the civil engineer. Sand and/or limestone fragments encountered above the unsuitable material layer may be stockpiled for later use.

Fill needed to bring the site to back to grade may be placed in lifts not exceeding twelve inches in loose thickness. Each lift should be thoroughly compacted until densities equivalent to at least 98 percent of the modified Proctor maximum dry density (ASTM D-1557) are uniformly obtained. Fill should consist of granular soil, with less than ten percent passing the No. 200 sieve, free of

rubble, organics (five percent or less) clay, debris and other unsuitable material.

The fill should have ASTM designation (D-2487) of GP, GW, SP, or SW, with a maximum particle size of no more than three inches or as otherwise approved by the geotechnical engineer.

As previously stated, limestone was encountered within the soil profile of the study area. The limestone surface undulates and the depth to the limestone may vary dramatically over small horizontal distances. Hard excavation conditions should be anticipated and planned for. We are available to discuss excavation issues and to provide input concerning implementation.

If conditions are encountered which are not consistent with the findings presented in this report, this office shall be notified immediately so that the condition or change can be evaluated and appropriate action taken.

GENERAL INFORMATION

Our client for this geotechnical evaluation

was: Mr. Mohammed Sharifuzzaman, P.E.
Calvin Giordano and Associates, Inc.
1800 Eller Drive, Suite 600
Ft. Lauderdale, Florida 33316

The contents of this report are for the exclusive use of the client, the client's design & construction team and governmental authorities for this specific project exclusively. Information conveyed in this report shall not be used or relied upon by other parties or for other projects without the expressed written consent of NE. This report discusses geotechnical considerations for this site based upon observed conditions and our understanding of proposed construction for foundation support. Environmental issues including (but not limited to), soil and/or groundwater contamination are beyond our scope of service for this project. As such, this report shall not be used or relied upon for evaluation of environmental issues.

Excavations of five feet or more in depth should be sloped or shored in accordance with OSHA and State of Florida requirements.

NE shall bear no liability for the implementation of recommended inspection/testing services as described in this report if implemented by others. NE has no ability to verify the completeness, accuracy or proper technique of such procedures if performed by others.

The Geotechnical Engineer warrants that the findings, recommendations, specifications, or professional advice contained herein, have been presented after being prepared in accordance with general accepted professional practice in the field of foundation engineering, soil mechanics

and engineering geology. No other warranties are implied or expressed.

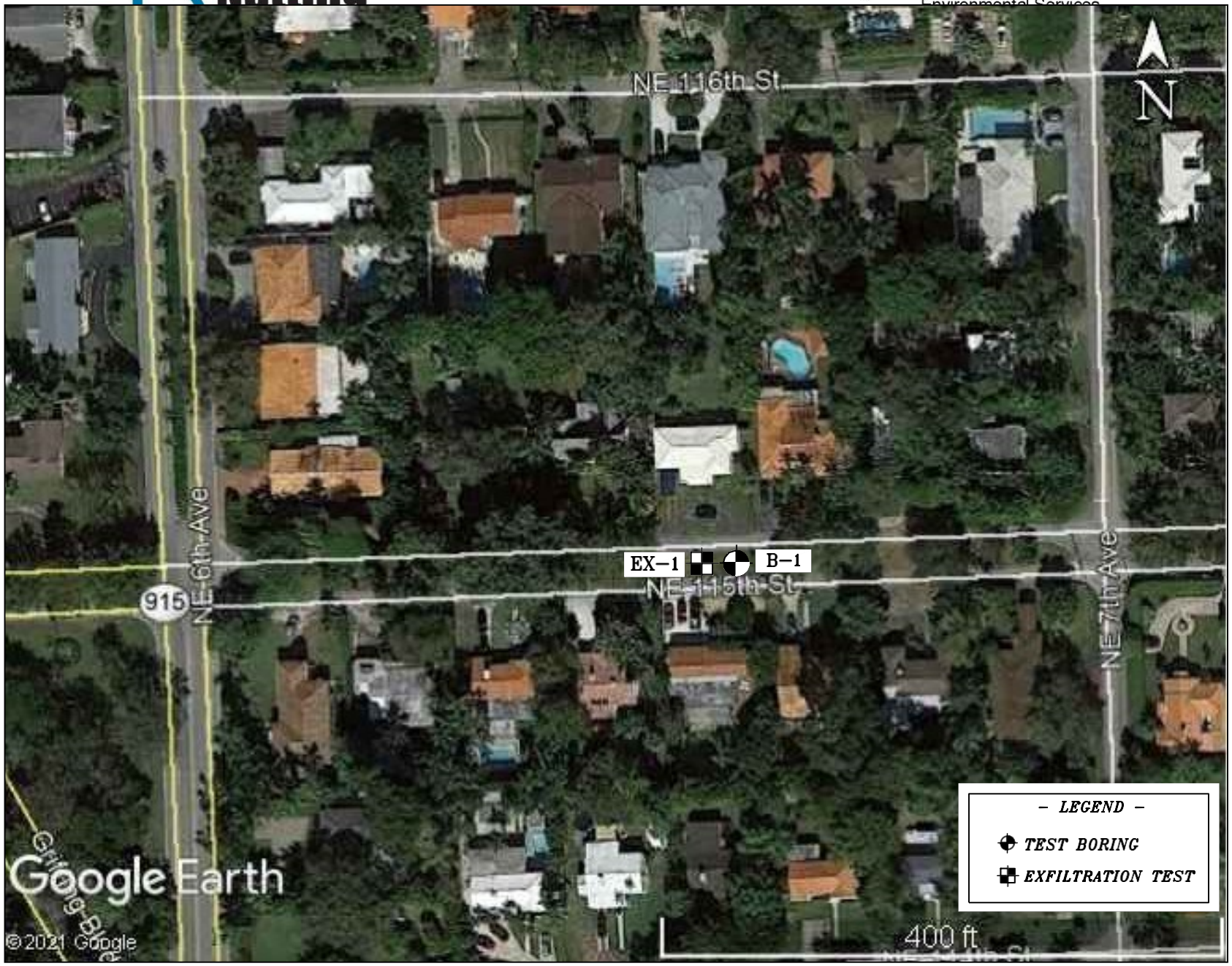
We appreciate the opportunity to provide these services for you and look forward to completing this and other projects with you. If we can be of any further assistance with the design or construction services, or if you need additional information, please feel free to contact us at your convenience.

Sincerely,
NUTTING ENGINEERS OF FLORIDA, INC.

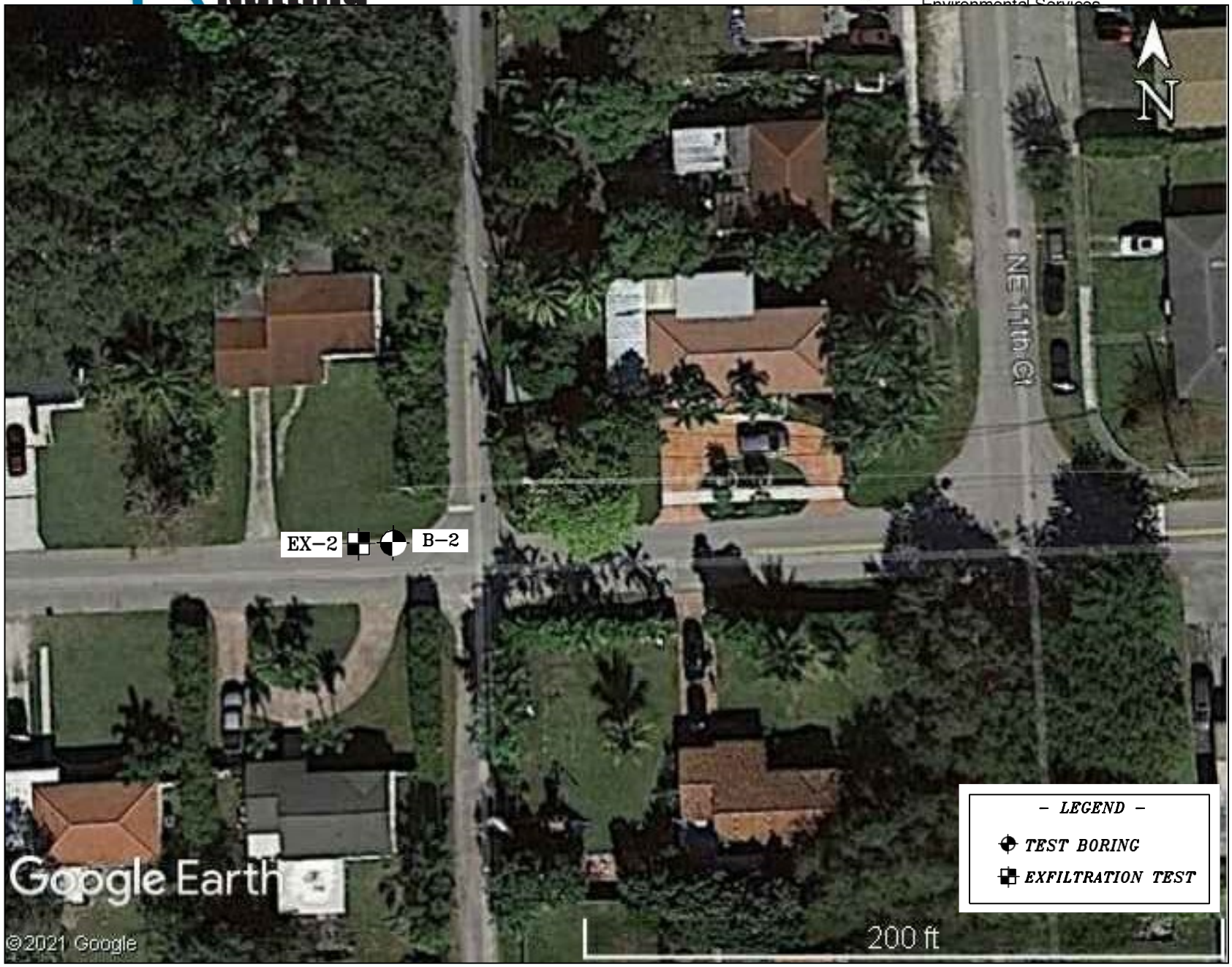
Adrian Ramirez
Engineering Intern

Richard C. Wohlfarth, P.E. #50858
Director of Engineering

Attachments: Boring Location Plan
Test Boring Logs
Soil Classification Criteria
Limitations of Liability



NUTTING ENGINEERS OF FLORIDA, INC. ESTABLISHED 1967	BISCAYNE PARK NE 115TH STREET BETWEEN NE 6TH AVE & NE 7TH AVE MIAMI, FLORIDA	APPROXIMATE TEST LOCATIONS	NOT TO SCALE	FIGURE 1



NUTTING ENGINEERS OF FLORIDA, INC. ESTABLISHED 1967	BISCAYNE PARK NE 121ST STREET BETWEEN NE 11TH AVE & NE 11TH CT MIAMI, FLORIDA	APPROXIMATE TEST LOCATIONS	NOT TO SCALE	FIGURE 2

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NUTTING ENGINEERS OF FLORIDA, INC. ESTABLISHED 1967	BISCAYNE PARK NE 113TH STREET BETWEEN NE 9TH CT & NE 10TH AVE MIAMI, FLORIDA	APPROXIMATE TEST LOCATIONS	NOT TO SCALE	FIGURE 4

NUTTING ENGINEERS OF FLORIDA, INC.
ESTABLISHED 1967

BISCAYNE PARK
NE 111TH STREET
BETWEEN
NE 10TH AVE & NE 11TH PL
MIAMI, FLORIDA

APPROXIMATE
TEST LOCATIONS

NOT TO SCALE

FIGURE 5

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BORING NUMBER B-1

Nutting Engineers of Florida

PROJECT NUMBER 101.175

PROJECT NAME Biscayne Park

CLIENT Calvin Giordano & Associates, Inc.

PROJECT LOCATION Various locations, Miami, FL

DATE STARTED 6/7/21 COMPLETED 6/7/21 SURFACE ELEVATION REFERENCE Same as road crown

DRILLING METHOD Standard Penetration Boring GROUND WATER LEVELS:

LOGGED BY Dancor CHECKED BY A. Ramirez AT TIME OF DRILLING 4.1 ft

APPROXIMATE LOCATION OF BORING **As located on site plan - NE 115 St. (NE 6 Ave. to NE 7 Ave.)**

DEPTH (ft)	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	Blows	N-Value
0	Dk. brown to lt. brown fine SAND, trace roots	SS 1	6-4-4-5	8
	Lt. brown LIMESTONE FRAGMENTS and fine SAND	SS 2	3-4-4-6	8
5	Lt. brown LIMESTONE	SS 3	7-6-7-10	13
		SS 4	8-10-7-6	17
10	Lt. gray LIMESTONE	SS 5	7-9-6-8	15
15	Lt. brown to lt. gray LIMESTONE	SS 6	6-6-6-8	12
20	Lt. gray LIMESTONE	SS 7	4-4-5-4	9
	Bottom of hole at 20.0 feet.			

SPT N VALUE 10 20 30 40

PL MC LL

20 40 60 80

FINES CONTENT (%)

20 40 60 80

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BORING NUMBER B-2

Nutting Engineers of Florida

PROJECT NUMBER 101.175

CLIENT Calvin Giordano & Associates, Inc.

PROJECT NAME Biscayne Park

PROJECT LOCATION Various locations, Miami, FL

DATE STARTED 6/7/21 COMPLETED 6/7/21 SURFACE ELEVATION REFERENCE Same as road crown

DRILLING METHOD Standard Penetration Boring GROUND WATER LEVELS:

LOGGED BY Dancor CHECKED BY A. Ramirez AT TIME OF DRILLING 3.4 ft

APPROXIMATE LOCATION OF BORING **As located on site plan - NE 121 St. (NE 11 Ave. to NE 11 Ct.)**

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	Blows	N-Value
0		DRILLED ASPHALT Lt. brown LIMESTONE FRAGMENTS Dk. brown fine SAND	SS 1	26-11-7-8	18
		Lt. brown fine SAND	SS 2	5-4-3-2	7
5		Lt. brown LIMESTONE	SS 3	1-1-4-7	5
			SS 4	4-7-2-2	9
10			SS 5	9-7-6-7	13
15			SS 6	8-6-7-8	13
			SS 7	5-7-4-5	11
20		Bottom of hole at 20.0 feet.			

SPT N VALUE 10 20 30 40

PL MC LL

20 40 60 80

FINES CONTENT (%)

20 40 60 80

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BORING NUMBER B-3

Nutting Engineers of Florida

PROJECT NUMBER 101.175

CLIENT Calvin Giordano & Associates, Inc.

PROJECT NAME Biscayne Park

PROJECT LOCATION Various locations, Miami, FL

DATE STARTED 6/7/21 COMPLETED 6/7/21

SURFACE ELEVATION REFERENCE Same as road crown

DRILLING METHOD Standard Penetration Boring

GROUND WATER LEVELS:

LOGGED BY Dancor CHECKED BY A. Ramirez

AT TIME OF DRILLING 4.3 ft

APPROXIMATE LOCATION OF BORING As located on site plan - NE 11 Ave. (NE 119 St. to NE 121 St.)

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	Blows	N-Value
0		Lt. brown to lt. gray fine SAND, trace limestone fragments Lt. brown fine SAND	SS 1	7-5-8-8	13
			SS 2	4-1-WOH-1	
5		Lt. brown fine SAND and LIMESTONE	SS 3	1-2-5-8	7
		Lt. brown LIMESTONE	SS 4	5-6-4-10	10
10			SS 5	7-8-10-11	18
15			SS 6	4-4-4-7	8
20		Bottom of hole at 20.0 feet.	SS 7	8-7-8-7	15

SPT N VALUE 10 20 30 40

PL MC LL

20 40 60 80

FINES CONTENT (%)

20 40 60 80

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BORING NUMBER B-4

Nutting Engineers of Florida

PROJECT NUMBER 101.175

CLIENT Calvin Giordano & Associates, Inc.

PROJECT NAME Biscayne Park

PROJECT LOCATION Various locations, Miami, FL

DATE STARTED 6/7/21 COMPLETED 6/7/21 SURFACE ELEVATION REFERENCE Same as road crown

DRILLING METHOD Standard Penetration Boring GROUND WATER LEVELS:

LOGGED BY Dancor CHECKED BY A. Ramirez AT TIME OF DRILLING 3.2 ft

APPROXIMATE LOCATION OF BORING **As located on site plan - NE 113 St. (NE 9 Ct. to NE 10 Ave.)**

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	Blows	N-Value
0		DRILLED ASPHALT Lt. brown LIMESTONE FRAGMENTS Dk. brown fine SAND, trace limestone fragments	SS 1	48-37-30-17	67
			SS 2	12-6-7-1	13
5		Lt. brown fine SAND	SS 3	1-1-2-8	3
		Lt. brown LIMESTONE	SS 4	16-17-20-13	37
10			SS 5	10-9-8-8	17
15			SS 6	3-4-3-2	7
			SS 7	3-3-4-3	7
20		Bottom of hole at 20.0 feet.			

SPT N VALUE 10 20 30 40

PL MC LL

20 40 60 80

FINES CONTENT (%)

20 40 60 80

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BORING NUMBER B-5

Nutting Engineers of Florida

PROJECT NUMBER 101.175

CLIENT Calvin Giordano & Associates, Inc.

PROJECT NAME Biscayne Park

PROJECT LOCATION Various locations, Miami, FL

DATE STARTED 6/7/21 COMPLETED 6/7/21 SURFACE ELEVATION REFERENCE Same as road crown

DRILLING METHOD Standard Penetration Boring GROUND WATER LEVELS:

LOGGED BY Dancor CHECKED BY A. Ramirez AT TIME OF DRILLING 5.8 ft

APPROXIMATE LOCATION OF BORING **As located on site plan - NE 111 St. (NE 10 Ave. to NE 11 Pl.)**

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	Blows	N-Value
0		DRILLED ASPHALT Lt. brown fine SAND, trace limestone fragments Lt. brown LIMESTONE FRAGMENTS	SS 1	5-6-6-4	12
			SS 2	3-3-5-8	8
5		Lt. brown LIMESTONE	SS 3	4-7-9-8	16
			SS 4	8-8-8-8	16
10			SS 5	6-6-4-6	10
15			SS 6	5-6-5-4	11
20		Bottom of hole at 20.0 feet.	SS 7	6-3-5-5	8

SPT N VALUE 10 20 30 40
PL MC LL
20 40 60 80
FINES CONTENT (%)
20 40 60 80

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Report of Exfiltration Test

Client: Calvin Giordano & Associates, Inc. Order No 101.175

Project: Biscayne Park Report No 1

Location: NE 115 St. (NE 6 Ave. to NE 7 Ave.), Miami, FL Date: 6/7/21

Test: Usual Open Hole Exfiltration Test

Surface

Elevation: Approx. same as road crown Water table from ground surface: 4.1'

Casing

Diameter: 6"

Tube Depth: 15'

One Minute Increme	Pump Rate in Gal/Min
1	50
2	50
3	50
4	50
5	50
6	50
7	50
8	50
9	50
10	50

Sample Location: Approx. as located on site plan

Material:

0'- 2'	Dk. brown to lt. brown fine SAND, trace roots
2'- 4'	Lt. brown LIMESTONE FRAGMENTS
4'- 15'	Lt. brown to lt. gray LIMESTONE

$K = 1.59 \times 10^{-3}$ cfs/ft^{2}ft.head
Note: Water table only raised 3.5 feet during testing

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Report of Exfiltration Test

Client: Calvin Giordano & Associates, Inc. Order No 101.175

Project: Biscayne Park Report No 2

Location: NE 121 St. (NE 11 Ave. to NE 11 Ct.), Miami, FL Date: 6/7/21

Test: Usual Open Hole Exfiltration Test

Surface

Elevation: Approx. same as road crown Water table from ground surface: 3.4'

Casing

Diameter: 6"

Tube Depth: 15'

One Minute Increme	Pump Rate in Gal/Min
1	26
2	26
3	25
4	24
5	24
6	25
7	22
8	20
9	20
10	22

Sample Location: Approx. as located on site plan

Material:

0'- 1'	Lt. brown LIMESTONE FRAGMENTS
1'- 1.5'	Dk. Brown fine SAND
1.5'- 4'	Lt. brown fine SAND
4'- 15'	Lt. brown LIMESTONE

$K = 7.27 \times 10^{-4}$ cfs/ft^{2}ft.head

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Report of Exfiltration Test

Client: Calvin Giordano & Associates, Inc. Order No 101.175

Project: Biscayne Park Report No 3

Location: NE 11 Ave. (NE 119 St. to NE 121 St.), Miami, FL Date: 6/7/21

Test: Usual Open Hole Exfiltration Test

Surface

Elevation: Approx. same as road crown Water table from ground surface: 4.3'

Casing

Diameter: 6"

Tube Depth: 15'

Sample Location: Approx. as located on site plan

Material:

0'- 2'	Brown to lt. gray fine SAND, trace limestone fragments
2'- 6'	Lt. brown fine SAND
6'- 15'	Lt. brown LIMESTONE

One Minute Increme	Pump Rate in Gal/Min
1	50
2	50
3	50
4	50
5	50
6	50
7	50
8	50
9	50
10	50

$K = 1.88 \times 10^{-3}$ cfs/ft^{2}ft.head
Note: Water table only raised 3 feet during testing

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Report of Exfiltration Test

Client: Calvin Giordano & Associates, Inc. Order No 101.175

Project: Biscayne Park Report No 4

Location: NE 113 St. (NE 9 Ct. to NE 10 Ave.), Miami, FL Date: 6/7/21

Test: Usual Open Hole Exfiltration Test

Surface

Elevation: Approx. same as road crown Water table from ground surface: 3.2'

Casing

Diameter: 6"

Tube Depth: 15'

One Minute Increme	Pump Rate in Gal/Min
1	10
2	9
3	9
4	9
5	8
6	8
7	6
8	6
9	5
10	6

Sample Location: Approx. as located on site plan

Material:

0'- 4'	Dk. brown fine SAND, trace limestone fragments
4'- 15'	Lt. brown LIMESTONE

$K = 2.49 \times 10^{-4}$ cfs/ft^{2}ft.head

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Report of Exfiltration Test

Client: Calvin Giordano & Associates, Inc. Order No 101.175

Project: Biscayne Park Report No 5

Location: NE 111 St. (NE 10 Ave. to NE 11 Pl.), Miami, FL Date: 6/7/21

Test: Usual Open Hole Exfiltration Test

Surface

Elevation: Approx. same as road crown Water table from ground surface: 5.75'

Casing

Diameter: 6"

Tube Depth: 15'

Sample Location: Approx. as located on site plan

Material:

0'- 2'	Lt. brown fine SAND, trace limestone fragments
2'- 4'	Lt. brown LIMESTONE FRAGMENTS
4'- 15'	Lt. brown LIMESTONE

One Minute Increme	Pump Rate in Gal/Min
1	7
2	7
3	7
4	6
5	7
6	6
7	6
8	7
9	7
10	7

$K = 1.35 \times 10^{-4}$ cfs/ft^{2}ft.head

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LIMITATIONS OF LIABLILITY

WARRANTY

We warranty that the services performed by Nutting Engineers of Florida, Inc. are conducted in a manner consistent with that level of care and skill ordinarily exercised by members of the profession in our area currently practicing under similar conditions at the time our services were performed. ***No other warranties, expressed or implied, are made***. While the services of Nutting Engineers of Florida, Inc. are a valuable and integral part of the design and construction teams, we do not warrant, guarantee or insure the quality, completeness, or satisfactory performance of designs, construction plans, specifications we have not prepared, nor the ultimate performance of building site materials or assembly/construction.

SUBSURFACE EXPLORATION

Subsurface exploration is normally accomplished by test borings; test pits are sometimes employed. The method of determining the boring location and the surface elevation at the boring is noted in the report. This information is represented in the soil boring logs and/or a drawing. The location and elevation of the borings should be considered accurate only to the degree inherent with the method used and may be approximate.

The soil boring log includes sampling information, description of the materials recovered, approximate depths of boundaries between soil and rock strata as encountered and immediate depth to water data. The log represents conditions recorded specifically at the location where and when the boring was made. Site conditions may vary through time as will subsurface conditions. The boundaries between different soil strata as encountered are indicated at specific depths; however, these depths are in fact approximate and dependent upon the frequency of sampling, nature and consistency of the respective strata. Substantial variation between soil borings may commonly exist in subsurface conditions. Water level readings are made at the time and under conditions stated on the boring logs. Water levels change with time, precipitation, canal level, local well drawdown and other factors. Water level data provided on soil boring logs shall not be relied upon for groundwater based design or construction considerations.

LABORATORY AND FIELD TESTS

Tests are performed in *general* accordance with specific ASTM Standards unless otherwise indicated. All criteria included in a given ASTM Standard are not always required and performed. Each test boring report indicates the measurements and data developed at each specific test location.

ANALYSIS AND RECOMMENDATIONS

The geotechnical report is prepared primarily to aid in the design of site work and structural foundations. Although the information in the report is expected to be sufficient for these purposes, it shall not be utilized to determine the cost of construction nor to stand alone as a construction specification. Contractors shall verify subsurface conditions as may be appropriate prior to undertaking subsurface work.

Report recommendations are based primarily on data from test borings made at the locations shown on the test boring reports. Soil variations commonly exist between boring locations. Such variations may not become evident until construction. Test pits sometimes provide valuable supplemental information that derived from soil borings. If variations are then noted, the geotechnical engineer shall be contacted in writing immediately so that field conditions can be examined and recommendations revised if necessary.

The geotechnical report states our understanding as to the location, dimensions and structural features proposed for the site. ***Any significant changes of the site improvements or site conditions must be communicated in writing to the geotechnical engineer immediately*** so that the geotechnical analysis, conclusions, and recommendations can be reviewed and appropriately adjusted as necessary.

CONSTRUCTION OBSERVATION

Construction observation and testing is an important element of geotechnical services. The geotechnical engineer's field representative (G.E.F.R.) is the "owner's representative" observing the work of the contractor, performing tests and reporting data from such tests and observations. ***The geotechnical engineer's field representative does not direct the contractor's construction means, methods, operations or personnel.*** The G.E.F.R. does not interfere with the relationship between the owner and the contractor and, except as an observer, does not become a substitute owner on site. The G.E.F.R. is responsible for his/her safety, but has no responsibility for the safety of other personnel at the site. The G.E.F.R. is an important member of a team whose responsibility is to observe and test the work being done and report to the owner whether that work is being carried out in general conformance with the plans and specifications. The enclosed report may be relied upon solely by the named client.

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SOIL AND ROCK CLASSIFICATION CRITERIA

SAND/SILT

N-VALUE (bpf)	RELATIVE DENSITY
0 – 4	Very Loose
5 – 10	Loose
11 – 29	Medium
30 – 49	Dense
>50	Very dense
100	Refusal

CLAY/SILTY CLAY

N-VALUE (bpf)	UNCONFINED COMP. STRENGTH (tsf)	CONSISTENCY
<2	<0.25	v. Soft
2 – 4	0.25 – 0.50	Soft
5 – 8	0.50 – 1.00	Medium
9 – 15	1.00 – 2.00	Stiff
16 – 30	2.00 – 4.00	v. Stiff
>30	>4.00	Hard

ROCK

N-VALUE (bpf)	RELATIVE HARDNESS	ROCK CHARACTERISTICS
N≥100	Hard to v. hard	Local rock formations vary in hardness from soft to very hard within short vertical and horizontal distances and often contain vertical solution holes of 3 to 36 inch diameter to varying depths and horizontal solution features. Rock may be brittle to split spoon impact, but more resistant to excavation.
25≤ N ≤100	Medium hard to hard	
5≤ N ≤25	Soft to medium hard	

PARTICLE SIZE

Boulder	>12 in.
Cobble	3 to 12 in.
Gravel	4.76 mm to 3 in.
Sand	0.074 mm to 4.76 mm
Silt	0.005 mm to 0.074 mm
Clay	<0.005 mm

DESCRIPTION MODIFIERS

0 – 5%	Slight trace
6 – 10%	Trace
11 – 20%	Little
21 – 35%	Some
>35%	And

Major Divisions			Group Symbols	Typical names
Coarse-grained soils (More than half of material is *larger* than No. 200 sieve size)	Gravels (More than half of coarse fraction is larger than No. 4 sieve size)	Clean gravels (Little or no fines)	GW	Well-graded gavels, gravel-sand mixtures, little or no fines
			GP	Poorly graded gravels, gravel-sand mixtures, little or no fines
		Gravels with fines (Appreciable	GW* d u	Silty gravels, gravel-sand-silt mixtures
			GC	Clayey gravels, gravel-sand-clay mixtures
	Sands (More than half of coarse fraction is smaller than No. 4 sieve size)	Clean sands (Little or no fines)	SW	Well-graded sands, gravelly sands, little or no fines
			SP	Poorly graded sands, gravelly sands, little or no fines
		Sands with fines (Appreciable	SM* d u	Silty sands, sand-silt mixtures
			SC	Clayey sands, sand-clay mixtures
Fine-grained soils (More than half of material is *smaller* than No. 200 sieve size)	Silts and clays (Liquid limit less than 50)		ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity
			CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy, clays, silty clays,
			OL	Organic silts and organic silty clays of low plasticity
	Silts and clays (Liquid limit greater than 50)		MH	Inorganic silts, micaceous or diatoma- ceous fine sandy or silty soils, elastic silts
			CH	Inorganic clays or high plasticity, fat clays
			OH	Organic clays of medium to high plasticity, organic silts

Laboratory classification criteria

Determine percentages of sand and gravel from grain-size curve. Depending on percentage of fines (fraction smaller than No. 200 sieve size), coarse-grained soils are classified as follows:

Less than five percent.....GW, GP, SW, SP
More than 12 percent.....GM, GC, SM, SC
5 to 12 percent.....*Borderline* cases requiring dual systems**

$C_u = \frac{D_{60}}{D_{10}}$ greater than 4; $C_z = \frac{(D_{30})^2}{D_{10} x D_{60}}$ *between* 1 and 3

Not meeting all gradation requirements for GW

Atterberg limits below "A" line or P.I. less than 4

Atterberg limits above "A" line with P.I. greater than

Above "A" line with P.I. between 4 and 7 are *borderline* cases requiring use of dual symbols.

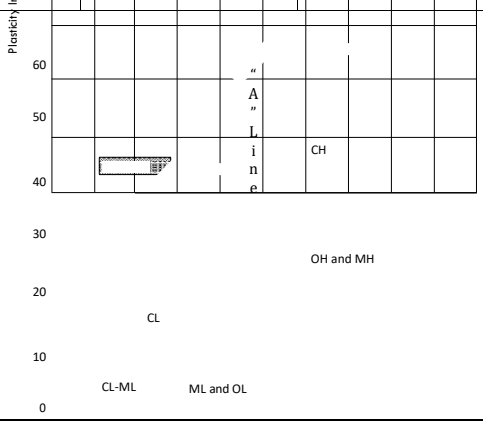
$C_u = \frac{D_{60}}{D_{10}}$ greater than 6; $C_z = \frac{(D_{30})^2}{D_{10} x D_{60}}$ *between* 1 and 3

Not meeting all gradation requirements for SW

Atterberg limits below "A" line or P.I. less than 4

Atterberg limits above "A" line with P.I. more than 7

Limits plotting in hatched zone with P.I. between 4 and 7 are *borderline* cases requiring use of dual system.



	Highly organic soils	PT	Peat and other highly organic soils	0 10 20 30 40 50 60 70 80 90 100 Liquid Limit **Plasticity Chart**

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APPENDIX "B" – 811 DESIGN TICKETS

5/26/2021 Exactix

Ticket : 146105114 Rev:000 Taken: 05/26/21 14:00ET

State: FL Cnty: DADE GeoPlace: BISCAYNE PARK CallerPlace:
BISCAYNE PARK
Subdivision:

Address :
Street : NE 115TH ST Cross 1
: NE 6TH AVE
Within 1/4 mile: Y Cross 2 :
NE 7TH AVE

Locat: DESIGN: R/O/W TO R/O/W OF NE 115TH ST FROM NE 6TH AVE TO NE 7TH AVE.
:
Remarks : IN RESPONSE TO RECEIPT OF A DESIGN TICKET, SSOCOF PROVIDES THE ORIGINATOR OF THE DESIGN TICKET WITH A LIST OF SSOCOF MEMBERS IN THE VICINITY OF THE DESIGN PROJECT. SSOCOF DOES NOT NOTIFY SSOCOF MEMBERS OF THE RECEIPT BY SSOCOF OF A DESIGN TICKET. IT IS THE SOLE RESPONSIBILITY OF THE DESIGN ENGINEER TO CONTACT SSOCOF MEMBERS TO REQUEST INFORMATION ABOUT THE LOCATION OF SSOCOF MEMBERS' UNDERGROUND FACILITIES. SUBMISSION OF A DESIGN TICKET WILL NOT SATISFY THE REQUIREMENT OF CHAPTER 556, FLORIDA STATUTES, TO NOTIFY SSOCOF OF AN INTENT TO EXCAVATE OR DEMOLISH. THAT INTENT MUST BE MADE KNOWN SPECIFICALLY TO SSOCOF IN THE MANNER REQUIRED BY LAW. IN AN EFFORT TO SAVE TIME ON FUTURE CALLS, SAVE YOUR DESIGN TICKET NUMBER IF YOU INTEND TO BEGIN EXCAVATION WITHIN
90 DAYS OF YOUR DESIGN REQUEST. THE DESIGN TICKET CAN BE REFERENCED, AND THE INFORMATION ON IT CAN BE USED TO SAVE TIME WHEN YOU CALL IN THE EXCAVATION REQUEST.
05/26/2021 2:00:23 PM CNM529 HAS DECLARED EXTRAORDINARY CIRCUMSTANCES
*** LOOKUP BY BETWEEN ***
:
Grids : 2552A8011D

Work date: 05/26/21 Time: 13:57ET Hrs notc: 000 Category: 6 Duration: UNKNOWN Due Date : 05/28/21 Time: 23:59ET Exp Date : 06/25/21 Time: 23:59ET
Work type: DESIGN Boring: N White-lined: N
Ug/Oh/Both: U Machinery: N Depth: UNK Permits: N N/A Done for : DESIGN

Company : CALVIN GIORDANO & ASSOCIATES Type: CONT Co addr :
1800 ELLER DR
Co addr2: SUITE 600
City : FT LAUDERDALE State: FL Zip: 33316 Caller :
LISSETTE VALDES Phone: 954-921-7781
BestTime: 8-5
Email : LVALDES@CGASOLUTIONS.COM

Submitted: 05/26/21 14:00ET Oper: SHA Mbrs :
CNM529 DCPWT FPLDAD PGSND SBF23

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Service Area	Utility Type(s)	Contact	Alt. Contact	Emergency Contact	Positive Response
CITY OF NORTH MIAMI CNM529	FORCE MAIN, SEWER, WATER	CHUKS OKEREKE (305) 895-9838x15002	LEE CUMBIE (305) 895-9838 x15000	AUGUSTINE FLEUR-AIME (305) 895-9838 x15001	Extraordinary circumsta nces per 556.105(8)(a), F.S.exist,callutilityown er / operator provider f orthis location.
DADE COUNTY PUBLIC WORKS AND TRAFFIC DCPWT	STREET LIGHTS, TRAFFIC SIGNALS	OCTAVIO VIDAL (305) 412-0891 x102	OCTAVIO VIDAL (305) 412-0891 x102	FRANK AIRA P.E. (305) 592-3580 x233	
FLORIDA POWER & LIGHT--DADE FPLDAD	ELECTRIC	EDGAR AGUILAR (386) 586-6403		USICDISPATCHCENTER (800) 778-9140	
TECO PEOPLES GAS SOUTH FLORIDA PGSND	GAS	JOAN DOMNING (813) 275-3783	AARON SZACSKA (813) 557-5971	TECO PEOPLES GAS CUSTOMER SERVICE** (877) 832-6747	
A T & T/ DISTRIBUTION SBF23	TELEPHONE	DINO FARRUGGIO (561) 683-2729	USIC DISPATCH OFFICE (CLS) (800) 778-9140	USIC DISPATCH OFFICE (CLS) (800) 778-9140	

5/26/2021 Exactix

Ticket : 146105137 Rev:000 Taken: 05/26/21 14:02ET

State: FL Cnty: DADE GeoPlace: BISCAYNE PARK CallerPlace:
BISCAYNE PARK
Subdivision:

Address :
Street : NE 121ST ST Cross 1
: NE 11TH AVE
Within 1/4 mile: Y Cross 2 :
NE 11TH CT

Locat: DESIGN: R/O/W TO R/O/W OF NE 121ST ST FROM NE 11TH AVE TO NE 11TH CT
:
Remarks : 05/26/2021 2:02:04 PM CNM529 HAS DECLARED EXTRAORDINARY CIRCUMSTANCES
*** LOOKUP BY BETWEEN ***
:
Grids : 2553C8010B 2553D8010B

Work date: 05/28/21 Time: 23:59ET Hrs notc: 061 Category: 3 Duration: UNKNOWN Due Date : 05/28/21
Time: 23:59ET Exp Date : 06/25/21 Time: 23:59ET
Work type: DESIGN Boring: N White-lined: N
Ug/Oh/Both: U Machinery: N Depth: UNK Permits: N N/A Done for : DESIGN

Company : CALVIN GIORDANO & ASSOCIATES Type: CONT Co addr :
1800 ELLER DR
Co addr2: SUITE 600
City : FT LAUDERDALE State: FL Zip: 33316 Caller :
LISSETTE VALDES Phone: 954-921-7781
BestTime: 8-5
Email : LVALDES@CGASOLUTIONS.COM

Submitted: 05/26/21 14:02ET Oper: SHA Mbrs :
CNM529 DCPWT FPLDAD PGSND SBF23

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Service Area	Utility Type(s)	Contact	Alt. Contact	Emergency Contact	Positive Response
CITY OF NORTH MIAMI CNM529	FORCE MAIN, SEWER, WATER	YLANDA MOORE (305) 895-9838x15000	LEE CUMBIE (305) 895-9838 x15000	AUGUSTINE FLEUR-AIME (305) 895-9838 x15001	Extraordinary circumstances per556.105(8)(a), F.S.exist,callutilityowner / operator provider for this location.
DADE COUNTY PUBLIC WORKS AND TRAFFIC DCPWT	STREET LIGHTS, TRAFFIC SIGNALS	CATHIA NORIEGA (786) 345-0988	OCTAVIO VIDAL (305) 412-0891 x102	FRANK AIRA P.E. (305) 592-3580 x233	
FLORIDA POWER & LIGHT--DADE FPLDAD	ELECTRIC	USICDISPATCHCENTER (800) 778-9140		USIC DISPATCH CENTER (800) 778-9140	
TECO PEOPLES GAS SOUTH FLORIDA PGSND	GAS	AARON SZACSKA (813) 557-5971	AARON SZACSKA (813) 557-5971	TECO PEOPLES GAS CUSTOMER SERVICE** (877) 832-6747	
A T & T/ DISTRIBUTION SBF23	TELEPHONE	USIC DISPATCH OFFICE (CLS) (800) 778-9140	USIC DISPATCH OFFICE (CLS) (800) 778-9140	USIC DISPATCH OFFICE (CLS) (800) 778-9140	No Conflict - utility is outside of the requested worksite

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Ticket : 146105157 Rev:000 Taken: 05/26/21 14:03ET

State: FL Cnty: DADE GeoPlace: BISCAYNE PARK CallerPlace:
BISCAYNE PARK
Subdivision:

Address :
Street : NE 11TH AVE Cross
1 : NE 119TH ST
Within 1/4 mile: Y Cross 2 :
NE 121ST ST

Locat: DESIGN: R/O/W TO R/O/W OF NE 11TH AVE FROM NE 119TH ST TO NE 121ST ST
:
Remarks : 05/26/2021 2:03:15 PM CNM529 HAS DECLARED EXTRAORDINARY CIRCUMSTANCES
*** LOOKUP BY BETWEEN ***
:
Grids : 2553C8010B 2553D8010B

Work date: 05/28/21 Time: 23:59ET Hrs notc: 061 Category: 3 Duration: UNKNOWN Due Date : 05/28/21
Time: 23:59ET Exp Date : 06/25/21 Time: 23:59ET
Work type: DESIGN Boring: N White-lined: N
Ug/Oh/Both: U Machinery: N Depth: UNK Permits: N N/A Done for : DESIGN

Company : CALVIN GIORDANO & ASSOCIATES Type: CONT Co addr :
1800 ELLER DR
Co addr2: SUITE 600
City : FT LAUDERDALE State: FL Zip: 33316 Caller :
LISSETTE VALDES Phone: 954-921-7781
BestTime: 8-5
Email : LVALDES@CGASOLUTIONS.COM

Submitted: 05/26/21 14:03ET Oper: SHA Mbrs :
CNM529 DCPWT FPLDAD PGSND SBF23

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Service Area	Utility Type(s)	Contact	Alt. Contact	Emergency Contact	Positive Response
CITY OF NORTH MIAMI CNM529	FORCE MAIN, SEWER, WATER	YLANDA MOORE (305) 895-9838x15000	LEE CUMBIE (305) 895-9838 x15000	AUGUSTINE FLEUR-AIME (305) 895-9838 x15001	Extraordinary circumsta nces per 556.105(8)(a), F.S.exist,callutilityown er / operator provider f orthis location.
DADE COUNTY PUBLIC WORKS AND TRAFFIC DCPWT	STREET LIGHTS, TRAFFIC SIGNALS	CATHIA NORIEGA (786) 345-0988	OCTAVIO VIDAL (305) 412-0891 x102	FRANK AIRA P.E. (305) 592-3580 x233	
FLORIDA POWER & LIGHT--DADE FPLDAD	ELECTRIC	USICDISPATCHCENTER (800) 778-9140		USICDISPATCHCENTER (800) 778-9140	
TECO PEOPLES GAS SOUTH FLORIDA PGSND	GAS	AARON SZACSKA (813) 557-5971	AARON SZACSKA (813) 557-5971	TECO PEOPLES GAS CUSTOMER SERVICE** (877) 832-6747	
A T & T/ DISTRIBUTION SBF23	TELEPHONE	USIC DISPATCH OFFICE (CLS) (800) 778-9140	USIC DISPATCH OFFICE (CLS) (800) 778-9140	USIC DISPATCH OFFICE (CLS) (800) 778-9140	

5/26/2021 Exactix

Ticket : 146105171 Rev:000 Taken: 05/26/21 14:04ET

State: FL Cnty: DADE GeoPlace: BISCAYNE PARK CallerPlace:
BISCAYNE PARK
Subdivision:

Address :
Street : NE 113TH ST Cross 1
: NE 9TH CT
Within 1/4 mile: Y Cross 2 :
NE 10TH AVE

Locat: DESIGN: R/O/W TO R/O/W OF NE 113TH ST FROM NE 9TH CT TO NE 10TH AVE
:
Remarks : 05/26/2021 2:04:18 PM CNM529 HAS DECLARED EXTRAORDINARY CIRCUMSTANCES
*** LOOKUP BY BETWEEN ***
:
Grids : 2552A8010A 2552A8010B 2552B8010A 2552B8010B

Work date: 05/28/21 Time: 23:59ET Hrs notc: 061 Category: 3 Duration: UNKNOWN Due Date : 05/28/21
Time: 23:59ET Exp Date : 06/25/21 Time: 23:59ET
Work type: DESIGN Boring: N White-lined: N
Ug/Oh/Both: U Machinery: N Depth: UNK Permits: N N/A Done for : DESIGN

Company : CALVIN GIORDANO & ASSOCIATES Type: CONT Co addr :
1800 ELLER DR
Co addr2: SUITE 600
City : FT LAUDERDALE State: FL Zip: 33316 Caller :
LISSETTE VALDES Phone: 954-921-7781
BestTime: 8-5
Email : LVALDES@CGASOLUTIONS.COM

Submitted: 05/26/21 14:04ET Oper: SHA Mbrs :
CNM529 DCPWT FPLDAD PGSND SBF23

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Service Area	Utility Type(s)	Contact	Alt. Contact	Emergency Contact	Positive Response
CITY OF NORTH MIAMI CNM529	FORCE MAIN, SEWER, WATER	YLANDA MOORE (305) 895-9838x15000	LEE CUMBIE (305) 895-9838 x15000	AUGUSTINE FLEUR-AIME (305) 895-9838 x15001	Extraordinary circumsta nces per 556.105(8)(a), F.S.exist,callutilityown er / operator provider f orthis location.
DADE COUNTY PUBLIC WORKS AND TRAFFIC DCPWT	STREET LIGHTS, TRAFFIC SIGNALS	CATHIA NORIEGA (786) 345-0988	OCTAVIO VIDAL (305) 412-0891 x102	FRANK AIRA P.E. (305) 592-3580 x233	
FLORIDA POWER & LIGHT--DADE FPLDAD	ELECTRIC	USICDISPATCHCENTER (800) 778-9140		USICDISPATCHCENTER (800) 778-9140	
TECO PEOPLES GAS SOUTH FLORIDA PGSND	GAS	AARON SZACSKA (813) 557-5971	AARON SZACSKA (813) 557-5971	TECO PEOPLES GAS CUSTOMER SERVICE** (877) 832-6747	
A T & T/ DISTRIBUTION SBF23	TELEPHONE	USIC DISPATCH OFFICE (CLS) (800) 778-9140	USIC DISPATCH OFFICE (CLS) (800) 778-9140	USIC DISPATCH OFFICE (CLS) (800) 778-9140	

5/26/2021 Exactix

Ticket : 146105193 Rev:000 Taken: 05/26/21 14:05ET

State: FL Cnty: DADE GeoPlace: BISCAYNE PARK CallerPlace:
BISCAYNE PARK
Subdivision:

Address :
Street : NE 111TH ST Cross 1
: NE 10TH AVE
Within 1/4 mile: Y Cross 2 :
NE 11TH PL

Locat: DESIGN: R/O/W TO R/O/W OF NE 111TH ST FROM NE 10TH AVE TO NE 11TH PL
:
Remarks : 05/26/2021 2:05:18 PM CNM529 HAS DECLARED EXTRAORDINARY CIRCUMSTANCES
*** LOOKUP BY BETWEEN ***
:
Grids : 2552B8010B

Work date: 05/28/21 Time: 23:59ET Hrs notc: 061 Category: 3 Duration: UNKNOWN Due Date : 05/28/21
Time: 23:59ET Exp Date : 06/25/21 Time: 23:59ET
Work type: DESIGN Boring: N White-lined: N
Ug/Oh/Both: U Machinery: N Depth: UNK Permits: N N/A Done for : DESIGN

Company : CALVIN GIORDANO & ASSOCIATES Type: CONT Co addr :
1800 ELLER DR
Co addr2: SUITE 600
City : FT LAUDERDALE State: FL Zip: 33316 Caller :
LISSETTE VALDES Phone: 954-921-7781
BestTime: 8-5
Email : LVALDES@CGASOLUTIONS.COM

Submitted: 05/26/21 14:05ET Oper: SHA
Mbrs : AF2072 CC1279 CNM529 DCPWT FPLDAD L3C900 MCIU01 PGSND SBF23 USSP01

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5/26/2021 Exactix

Service Area	Utility Type(s)	Contact	Alt. Contact	Emergency Contact	Positive Response
RESURGENCE INFRASTRUCTURE GROUP LLC AF2072	FIBER	USIC DISPATCH OFFICE (CLS) (800) 778-9140		SCOTT DRAKE (404) 932-4156	
COMCAST CABLE CC1279	CATV, FIBER	USIC DISPATCH (800) 778-9140		HFC HELP DESK (855) 962-8525	No Conflict - utility is ou tside of the requested worksite
CITY OF NORTH MIAMI CNM529	FORCE MAIN, SEWER, WATER	YLANDA MOORE (305) 895-9838x15000	LEE CUMBIE (305) 895-9838 x15000	AUGUSTINE FLEUR-AIME (305) 895-9838 x15001	Extraordinary circumsta nces per 556.105(8)(a), F.S.exist, callutilityown er / operator provider f orthis location.
DADE COUNTY PUBLIC WORKS AND TRAFFIC DCPWT	STREET LIGHTS, TRAFFIC SIGNALS	CATHIA NORIEGA (786) 345-0988	OCTAVIO VIDAL (305) 412-0891 x102	FRANK AIRA P.E. (305) 592-3580 x233	
FLORIDA POWER & LIGHT--DADE FPLDAD	ELECTRIC	USICDISPATCHCENTER (800) 778-9140		USICDISPATCHCENTER (800) 778-9140	
CENTURYLINK L3C900	FIBER	TECH ON DUTY (877) 366-8344 x3	TECH ON DUTY (877) 366-8344 x3	TECH ON DUTY (877) 366-8344 x3	
MCI MCIU01	COMMUNICATION LINES, FIBER	FIELD CONTACTS (800) 624-9675	NATIONAL FIBER SECURITY DEPARTMENT (800) 624-9675	NATIONAL FIBER SECURITY DEPARTMENT (800) 624-9675	Clear No Facilities
TECO PEOPLES GAS SOUTH FLORIDA PGSND	GAS	AARON SZACSKA (813) 557-5971	AARON SZACSKA (813) 557-5971	TECO PEOPLES GAS CUSTOMER SERVICE** (877) 832-6747	
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